

Project Progress Report

1. Project Overview

Project Name: Training Management Portal

Objective: To develop a centralized web-based portal for managing training programs under IRDT, allowing admin to manage trainings, trainers to post and track sessions, and students to register and apply.

Target Users: Admin (IRDT), Trainers, Co Ordinator

Technology Stack:

- Frontend: React.js
- Backend: Django (REST Framework)
- Database: SQLite
- Authentication: JWT (JSON Web Tokens)

2. Team & Roles

Name	Role	Responsibilities
Ayush Anand	Team Lead / Database	Project architecture, authentication, database, Model creation, serializers
Sumit Yadav/Harshit Tiwari	Frontend Developer	React UI design, Axios integration
Pawan Rathore/Siddharth Mishra	Backend Developer	Admin APIs , API development,
Siddharth Mishra	Documentation Lead	Readme, project reports, documentation
Piyush Sahu	Database/Android Application	Authentication, database, Model creation, serializers , Flutter UI design

3. Progress Report

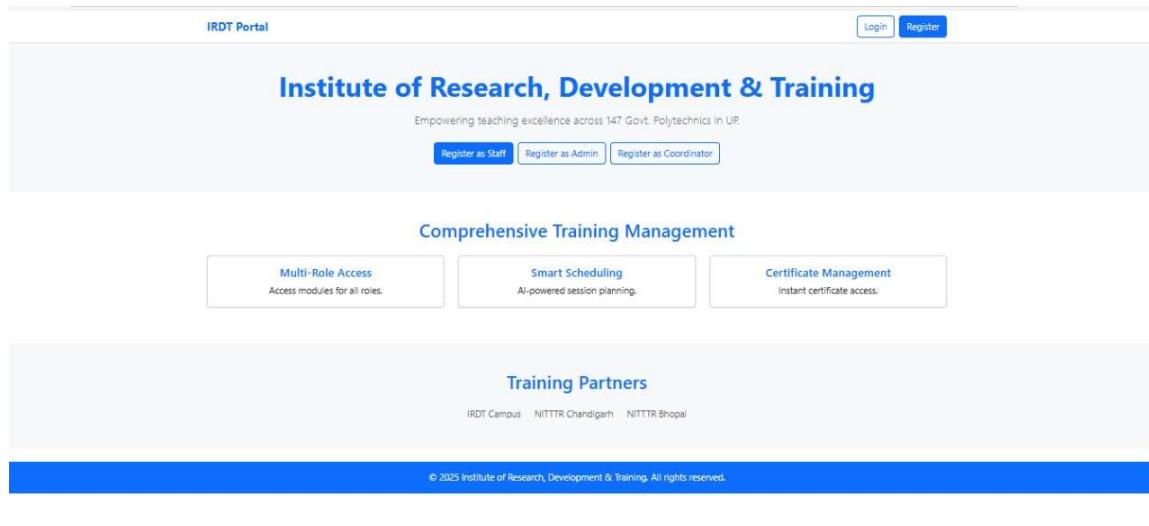
Tasks Planned	Status	Remarks
Project setup, GitHub repo, team roles	Completed	Repository initialized
Database schema, Django models	Completed	User, Training, Application models done
JWT authentication,	Completed	Login/Register complete
CORS setup	Completed	Working with frontend
Trainer dashboard, Admin login	In Progress	Login UI in development
React frontend setup	In Progress	Dashboard

4. Modules Implemented

- User Registration (Student / Trainer / Admin)
- JWT Authentication (Login, Logout)
- Database models and serializers
- Admin login and dashboard (ongoing)

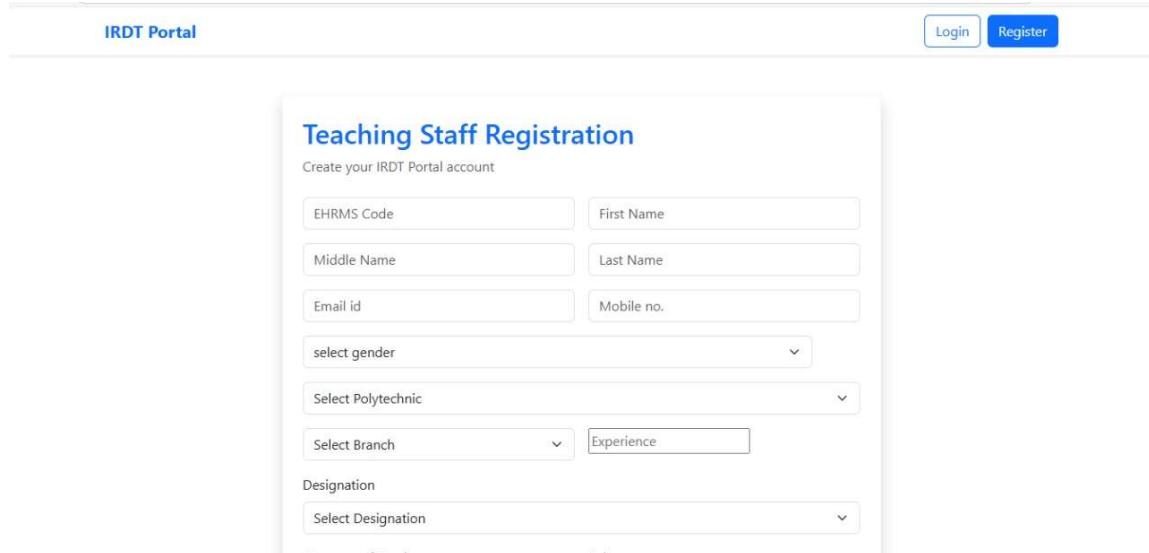
5. Screenshots / UI Flow

HOME PAGE :



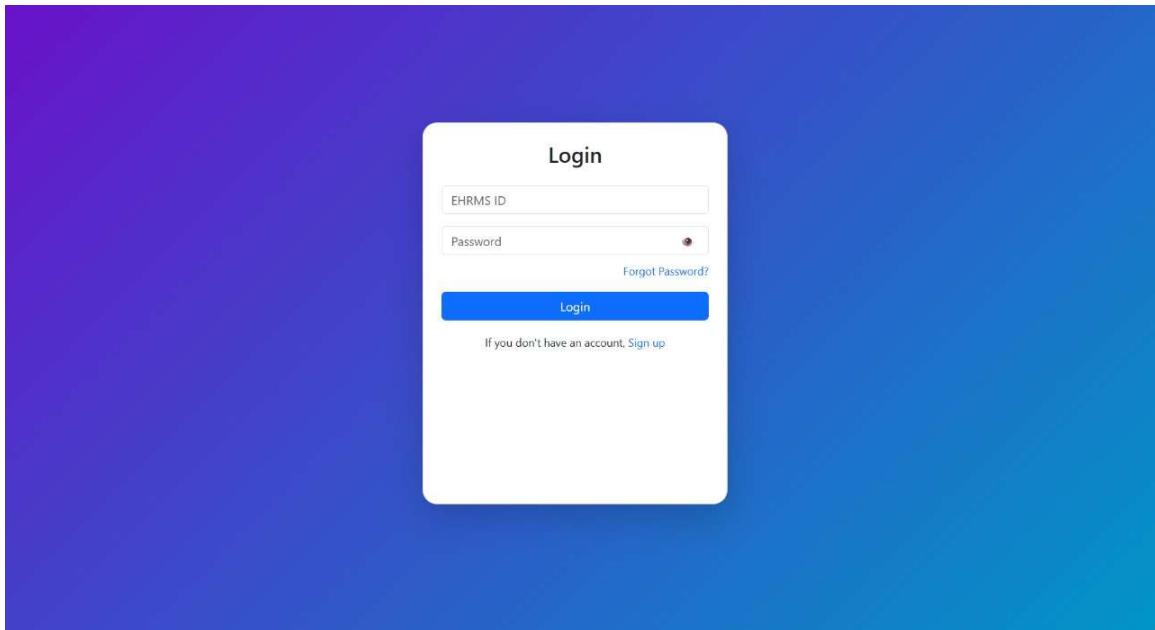
The screenshot shows the homepage of the IRDT Portal. At the top, there is a navigation bar with 'IRDT Portal' on the left, 'Login' and 'Register' buttons on the right, and a search bar in the center. Below the navigation bar, the title 'Institute of Research, Development & Training' is displayed in a large blue font, followed by the tagline 'Empowering teaching excellence across 147 Govt. Polytechnics in UP.' Three registration buttons ('Register as Staff', 'Register as Admin', 'Register as Coordinator') are located below the tagline. A main heading 'Comprehensive Training Management' is centered above three rectangular boxes: 'Multi-Role Access' (Access modules for all roles), 'Smart Scheduling' (AI-powered session planning), and 'Certificate Management' (Instant certificate access). Below this section, a 'Training Partners' section lists 'IRD Campus', 'NITTTR Chandigarh', and 'NITTTR Bhopal'. The footer contains a copyright notice: '© 2025 Institute of Research, Development & Training. All rights reserved.'

REGISTRATION PAGE :



The screenshot shows the 'Teaching Staff Registration' page. At the top, there is a navigation bar with 'IRDT Portal' on the left, 'Login' and 'Register' buttons on the right, and a search bar in the center. The main title 'Teaching Staff Registration' is displayed in a large blue font, followed by the sub-instruction 'Create your IRDT Portal account'. Below the title, there are several input fields: 'EHRMS Code' and 'First Name' in separate boxes, 'Middle Name' and 'Last Name' in separate boxes, 'Email id' and 'Mobile no.' in separate boxes, a dropdown menu for 'select gender', a dropdown menu for 'Select Polytechnic', a dropdown menu for 'Select Branch' next to an 'Experience' input field, and a dropdown menu for 'Designation' next to a 'Select Designation' dropdown. The page has a light gray background with horizontal lines separating sections.

LOGIN PAGE :

A screenshot of a "Forgot Password" page. It contains three input fields: "Enter your EHRMS ID", "Select Security Question" (with a dropdown menu showing "Please fill out this field."), and "Your Answer". A large blue "Verify" button is at the bottom. Below it is a "Back to Login" link.

DATABASE :

	id	password	last_lo...	is_superu...	ehrms_co...	username	email	mobile_n...	gender	departme...	designati...
	1	pbkdf2_sha256\$100000\$p... Filter...	NULL	0	12345	ayush123	ayush@gmail.com	1234567089	Male	CSE	HOD
	2	pbkdf2_sha256\$100000\$p... Filter...	NULL	0	7894	pawan123	pawan@gmail.com	1234567075	Male	cse	Instructor
	3	pbkdf2_sha256\$100000\$q... Filter...	NULL	0	753159	harshit	harshit@gmail.com	7410258963	Male	CSE	Other
+	4										

6. Testing Strategy

- Manual API testing using Postman
- JWT authentication and token expiry validation
- Axios frontend integration testing
- Error handling for invalid login, expired sessions
- Cross-browser UI verification

7. Conclusion

The project is currently 80% complete. The core backend and authentication systems are functional. The frontend is partially connected and under refinement. With the final testing and admin UI in place, we aim to complete and deploy a fully functional Training Management Portal within the next week.

